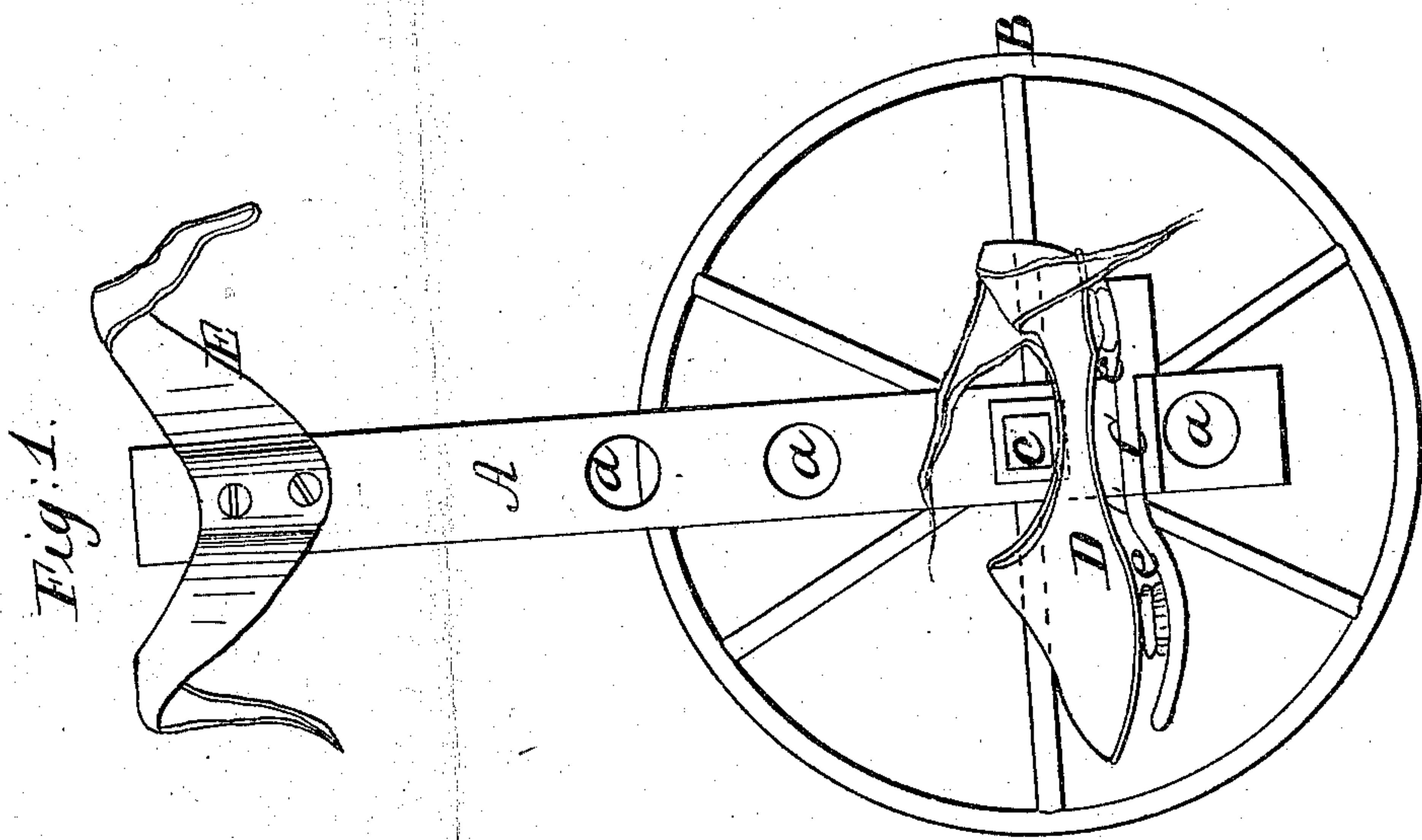
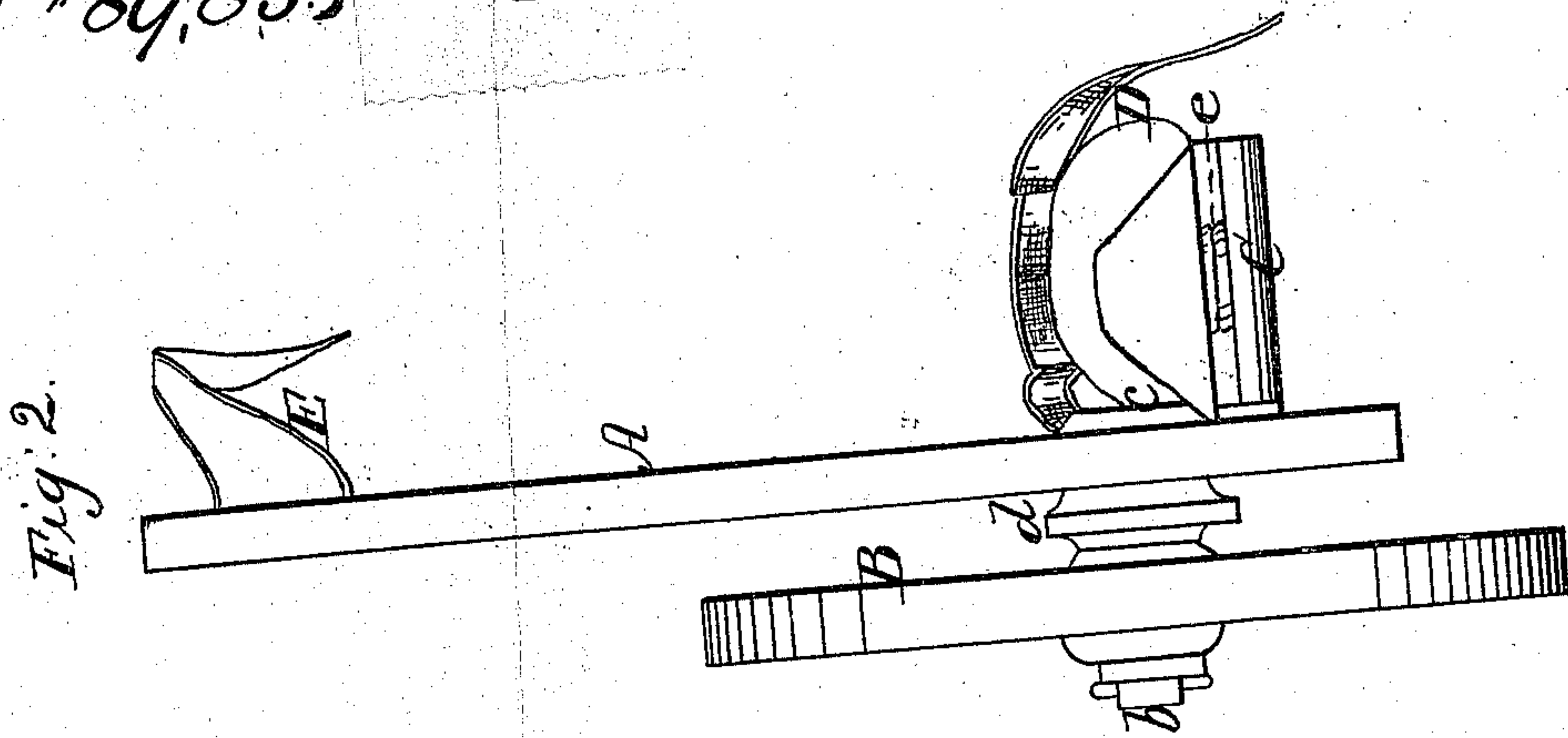


*T. L. Luders.*

*Skaters' Appliances.*

*No. 89,833*

*Patented May 4, 1869.*



*Witnesses;*  
*Geo. W. Rothwell,*  
*Phil. G. Lamer,*

*Inventor;*  
*Thos. L. Luders*  
*By W. L. L. Luders*  
*Attys*



# United States Patent Office.

THOMAS L. LUDERS, OF OLNEY, ILLINOIS.

Letters Patent No. 89,833, dated May 4, 1869.

## FIELD-SKATE.

The Schedule referred to in these Letters Patent and making part of the same.

### To all whom it may concern:

Be it known that I, THOMAS L. LUDERS, of Olney, in the county of Richland, and State of Illinois, have invented a new and useful Field-Skate; and I do hereby declare that the following is a full, clear, and exact description thereof, sufficient to enable others skilled in the art to which my invention appertains, to make and use the same, reference being had to the accompanying drawings, making a part of this specification, and in which—

Figure 1 is a side view, and

Figure 2, a front view of my device.

The object of this invention is to provide a device by means of which the surface of the ground may be traversed, with the same graceful, easy, and delightful motion as when skating on ice.

The invention consists in the use of a wheel, mounted on a stud, adjustable on a short standard, provided with a foot-piece, on which the foot rests, said standard being adapted to be strapped, or otherwise secured to the ankle or leg of the wearer, so that the periphery of the wheel is in contact with the ground.

My invention will be fully understood by reference to the accompanying drawings, considered in connection with the following description.

In the drawings—

A represents a side piece, provided with holes, *a a*, in either of which may be fixed a stud, *b*.

This stud has a head, *c*, and *d* is a nut, screwed on to the stud on the opposite side of the side piece A from the head *c*.

On the stud *b* a wheel, B, is fitted to turn.

This wheel may be either on the inside or outside of the ankle-piece A, and it projects below the same, so as to rest on the ground.

C represents a foot-rest, secured in any suitable manner to the side piece A, opposite the wheel B.

D is an over-shoe, on the foot-rest C.

*e e* are springs, interposed between the over-shoe and the foot-rest, to prevent jarring and shocks, which would otherwise be occasioned by passage over a rough road.

E is a cushion, fixed to the upper part of the side-piece A, and provided with any suitable means for at-

tachment to the ankle or leg. The over-shoe D also has some fastening.

My field-skates can be applied to either side of one or both ankles, and the wheels are adjustable, so as to elevate the rider more or less, as desired.

The skate, or skates having been secured, the rider may traverse the ground, gravel-walks, pavements, and any tolerably even surfaces, with the same motion, and with nearly the same facility, as when skating on ice. The motion is rendered easy and pleasant by the springs, or their equivalents, interposed between the over-shoe and foot-rest.

I would here state that the foot-rest may be made movable, but I prefer it stationary.

It may also be found unnecessary to have the wheel or its stud adjustable. Therefore, I do not limit myself to an adjustable wheel.

The use of this device will be a source of amusement and pleasure, as well as beneficial to health; and, as it can be made of any size, at little expense, and used during all seasons of the year, without the practice required, and danger incurred in skating, it will be at once appreciated by the public.

Having thus described my invention,

What I claim as new, and desire to secure by Letters Patent, is—

1. For the purposes of a field-skate, the standard A, made adjustable, as set forth.
2. The arrangement of the wheel B at the side of the adjustable standard A, substantially as and for the purpose described.
3. The side-wheel B, in combination with the standard A, and a foot-rest, C, secured thereto, below the axis of the wheel, substantially as and for the purpose described.
4. The springs interposed between the over-shoe and foot-rest, substantially as and for the purpose described.

To the above I have signed my name, this 3d day of March, 1869.

THOS. L. LUDERS.

Witnesses:

W. A. WIEDERSHEIM,  
H. M. WIEDERSHEIM.